INSTALLING & REPLACING THE CARBON FILTER

Slightly lift the retaining frame on the face of the filter and then pull out. Remove the plastic bag from the activated carbon filter and place into the opening. Push the retaining frame back to the original position. Replacing old activated filters follows much the same procedure. Under normal operating conditions the filters should be replaced once a month or when excessive dust has obviously adhered to or discolored the filter. Failure to regularly change the filter will directly affect the absorption capacity and effectiveness of the Fume Absorber. See Fig.' s 3 & 4.

Fig. 3

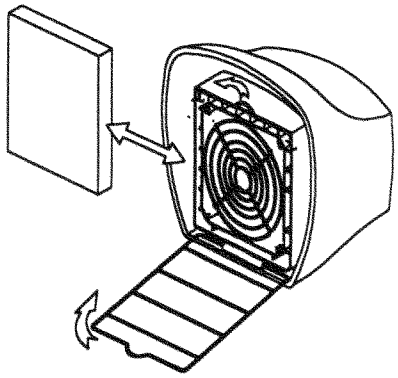
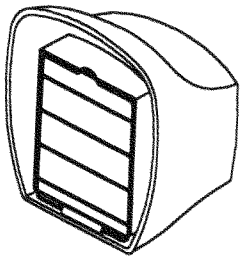


Fig.4



XYTRONIC®

ABSORBER 436

INSTRUCTION MANUAL

PRODUCT DESCRIPTIONS

The Fume Absorber 436 is a convenient and space saving method of removing noxious fumes from the work environment. Designed for use on the factory floor, in R&D or by the hobbyist, this new product provides an economical and efficient method to improve the work place and eliminate headaches, nausea and eye irritations often associated with exposure to solder fumes.

Flux is an integral part of the soldering process to prepare the work surface. Composed of rosin-resin and mixed with an activator (halogen organic agent) that, as the temperature increases, generate noxious components such as salicylic acid and pinene commonly seen as somoke rising from the work area.

High content ratios of resin generate phenol (C_6H_5OH) and the activators can emit hydrogen chloride (HCL) or other compounds. The US Government has occupational hazard standards controlling the permissible amounts of such compounds in the work area and the 436 when used properly, helps, to meet those standards.

The 436 was developed with a high performance fan and an easy to replace activated carbon filter. The filter is made by joining specific foam with refined activated carbon. The activated carbon has a surface area of 1250 m^2/ gram and the total weight of the filter is 500 grams/meter square. The dust collection efficiency of the filter is 30% while the carbon filter can absorb up to 30% of its carbon weight in noxious components.

ASSEMBLY AND PLACEMENT OF THE FUME ABSORBER:

Your are free to choose on of two methods for setting up and using your new Fume Absorber 436 depending on your work environment. Fig. 1 shows how to assemble the unit for standing on the workbench using the support legs supplied. Fig. 2 demonstrates how to use the handle assembly to hang the unit in a convenient manner relative to your work space.

Fig. 1

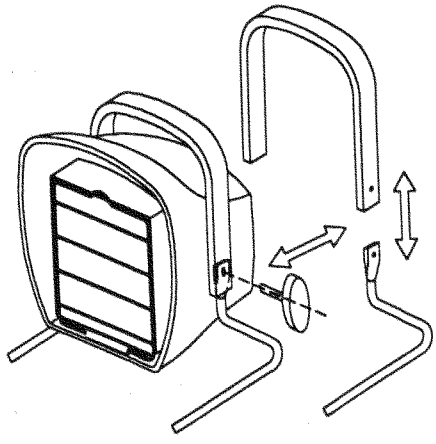
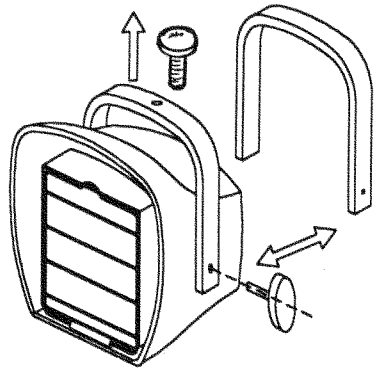


Fig. 2



SPECIFICATIONS:

Input Power	As Requesed (115V or 230V)
Wattage	20-22W
Maximum Air Volume	95/115 CFM
Outer Dimensions (w/support) (w/o support)	(M) (H) (D) 240 × 265 × 170mm 220 × 205 × 165
Weight	1600 grams (3.5 lbs.)
Filter (Size/Weight)	130 mm square/12 grams

OPERATION INSTRUCTIONS :

1. Ensure that the working voltage matches your power supply prior to use.
2. Plug the mains lead into a power outlet and flip the power switch.
3. Adjust the Fume Absorber angle depending on the distance you desire by loosing the knob on both sides of the housing and tilt to the desire location and retighten being careful not to over tighten.

REPLACEMENT PARTS :

Part Nnmber	76-3313010
Name	Filter Set
Specifications	Activated Carbon Filter
Application	Xytronic 436,426DLX and 456DLX